

Converting Colors

YIQ(223.8900, 11.6930, -8.1710)

Have a look what the booklet for
YIQ(223.8900, 11.6930, -8.1710)
contains.

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Color

**YIQ(223.8900, 11.6930,
-8.1710)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E2C5
RGB	230, 226, 197
RGB Percent	90%, 89%, 77%
CMY	0.0980, 0.1137, 0.2274
CMYK	0.00, 0.02, 0.14, 0.10
HSL	53°, 40%, 84%
HSV	53°, 14%, 90%
XYZ	69.9084, 75.2464, 63.6733
YIQ	223.8900, 11.6930, -8.1710

Conversions

Conversions Part 2

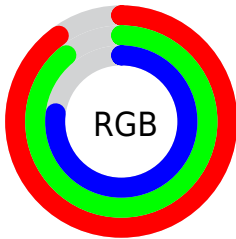
Format	Color
R _Y B	202, 230, 197
Decimal	15131333
CIE Lab	89.51, -3.44, 14.66
CIE LCh	90, 15.061, 103.207
Yxy	75.2464, 0.3348, 0.3603
Android (android.graphics.Color)	4293321413 (0xFFE6E2C5)
YUV	223.8900, -13.2568, 5.3585
Hunter-Lab	86.7447, -7.9484, 17.2006

Details

The YIQ color **223.8900, 11.6930, -8.1710** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **203.1100, -11.6930, 8.1710**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **254.8860, 0.3210, -0.3110**, and **168.7050, 10.7760, -8.0720** is the 20% darker color. If you saturate the color by 10%, you get **219.5070, 19.9010, -13.7550**, and if you desaturate by 10%, it is **228.2730, 3.4850, -2.5870**.

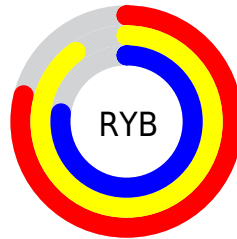
Distribution



Red (90%)

Green (89%)

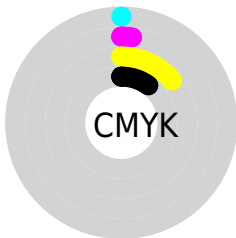
Blue (77%)



Red (79%)

Yellow (90%)

Blue (77%)

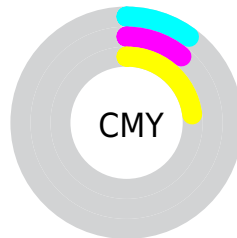


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (10%)



Cyan (10%)

Magenta (11%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.8900, 11.6930, -8.1710 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 223.8900, 11.6930, -8.1710 by changing the saturation by 10% instead.

■ 223.8900, 11.6930,
-8.1710

■ 223.8900, 11.6930,
-8.1710

255.0000, -0.0000,
-0.0000

■ 196.0040, 11.3720,
-7.8600

254.8860, 0.3210,
-0.3110

■ 168.7050, 10.7760,
-8.0720

■ 142.2320, 10.7300,
-7.2380

■ 116.9330, 10.1340,
-7.4500

■ 92.0470, 9.8130,
-7.1390

■ 68.2750, 9.1710,
-6.5170

■ 46.0900, 8.2540,

-6.4180

■ 24.8190, 10.4550,
-7.7610

■ 0.0000, 0.0000,
0.0000

■ 223.8900, 11.6930,
-8.1710

■ 223.8900, 11.6930,
-8.1710

■ 219.5070, 19.9010,
-13.7550

■ 228.2730, 3.4850,
-2.5870

■ 215.1240, 28.1090,
-19.3390

■ 232.6560, -4.7230,
2.9970

■ 211.3280, 36.0420,
-25.4460

■ 235.1980, -9.1250,
5.6830

■ 206.9450, 44.2500,
-31.0300

■ 236.9590, -9.9500,
4.1140

■ 202.5620, 52.4580,
-36.6140

■ 238.7200,
-10.7750, 2.5450

■ 198.1790, 60.6660,
-42.1980

■ 240.4810,
-11.6000, 0.9760

■ 194.3830, 68.5990,
-48.3050

■ 242.2420,
-12.4250, -0.5930

■ 190.0000, 76.8070,
-53.8890

■ 243.4160,
-12.9750, -1.6390

■ 187.3440, 81.5300,
-56.8860

■ 245.1770,
-13.8000, -3.2080

Harmonies

Analogous

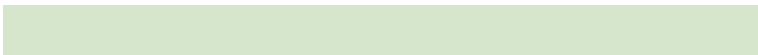
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.5540, 21.6870, -2.0650



223.8900, 11.6930, -8.1710



221.9530, -1.7860, -11.6900

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.8900, 11.6930, -8.1710



220.8100, -28.8840, -5.1720



227.9190, 13.8900, 12.5940

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



223.8900, 11.6930, -8.1710



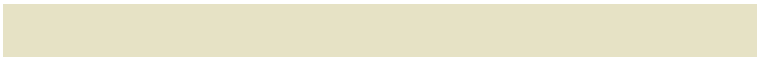
203.1100, -11.6930, 8.1710

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.1610, 1.4650, 12.0010



223.8900, 11.6930, -8.1710



223.2500, -24.0710, 1.2170

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.8900, 11.6930, -8.1710



220.2030, -25.8570, -10.4730



225.5120, -12.8850, 7.7470



227.4160, 22.5560, 9.7240

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.8900, 11.6930, -8.1710



221.0490, -10.8640, -12.3680



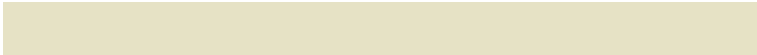
225.5120, -12.8850, 7.7470



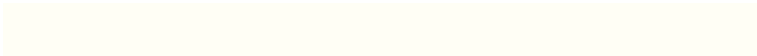
227.7660, 9.9470, 12.4670

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



223.8900, 11.6930, -8.1710



253.2730, 3.4850, -2.5870



207.3230, 18.3840, 8.2400



126.6150, 2.5220, -1.6540



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.8900, 11.6930, -8.1710



247.1630, 15.1780, -10.7580



222.6500, 3.4410, -12.8070



112.4580, 4.4020, -2.6860



145.6800, 63.5090, -44.1630



41.6640, 18.0210, -12.7230

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



203.1100, -11.6930, 8.1710



219.8370, -15.1780, 10.7580



204.3500, -3.4410, 12.8070



105.5420, -4.4020, 2.6860



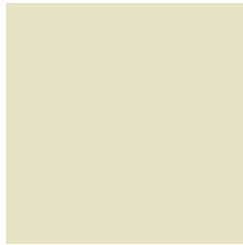
33.3200, -63.5090, 44.1630



9.3360, -18.0210, 12.7230

Previews

White Background



This preview shows how the YIQ color 223.8900, 11.6930, -8.1710 looks on a white background.

Color Contrast Check

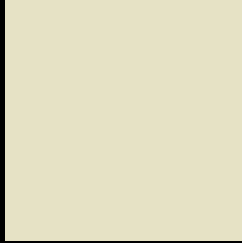
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 223.8900, 11.6930, -8.1710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

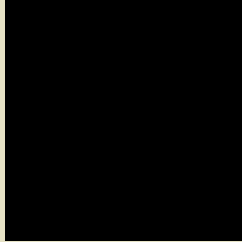
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

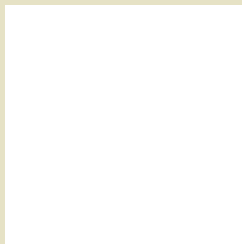
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.8900, 11.6930, -8.1710

Background



This preview shows how black text looks on a background with the YIQ color 223.8900, 11.6930, -8.1710.



This preview shows how white text looks on a background with the YIQ color 223.8900, 11.6930,

-8.1710.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

223.8900, 11.6930, -8.1710

Protanopia

224.3960, 16.1400, -6.1640

Deuteranopia

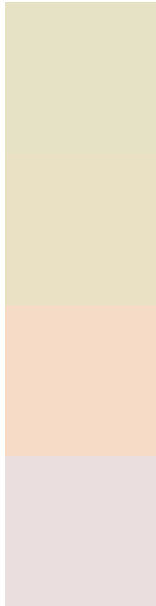
226.4240, 28.1050, 2.7690



Tritanopia

226.8360, 3.7580, 8.9900

Trichromacy



Original Color

223.8900, 11.6930, -8.1710

Protanomaly

224.3850, 14.6730, -7.1110

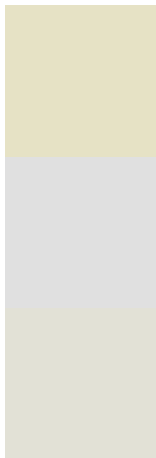
Deuteranomaly

225.3800, 22.2370, -1.0190

Tritanomaly

225.7020, 6.8310, 2.8550

Monochromacy



Original Color

223.8900, 11.6930, -8.1710

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.0450, 4.1270, -3.2090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.8900, 11.6930, -8.1710 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(230, 226, 197)` looks like.

```
.text, #text, p{  
    color:rgb(230, 226, 197)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(230, 226, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 226, 197) }
```

Border

The CSS property to change the border of an element to YIQ 223.8900, 11.6930, -8.1710 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 226, 197) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(230, 226, 197) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(230, 226, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 226, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 226, 197);  
box-shadow:4px 4px 4px 4px rgb(230, 226,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 223.8900, 11.6930, -8.1710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 226, 197) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(230,  
226, 197) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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